Ministry of
Northern Development
and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

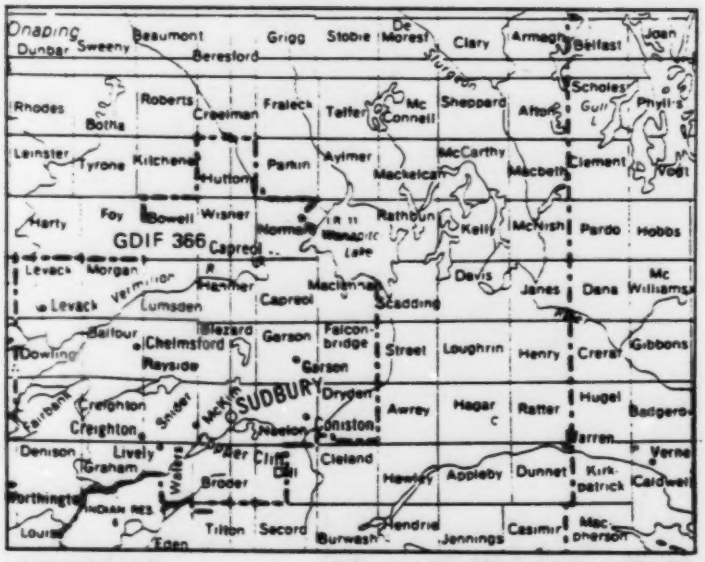
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 366

NORMAN TOWNSHIP

DISTRICT OF SUDBURY

Compiled by the Staff of
the Resident Geologist's Office
Sudbury



LOCATION MAP

Scale: 1:1 013 760 or 1 inch to 16 miles

NTS Number 41 I/15,10

Mining Claim Map Number M-1027

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey

1987: Norman Township, District of Sudbury; Ontario Geological Survey, Geological Data Inventory Folio 366, compiled by the staff of the Resident Geologist's Office, Sudbury, 29 p. and 2 maps.

Original Compilation by: Jerome, Lucille, November 1986

Date	Page Revised	Revised by

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NORMAN TOWNSHIP

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ACCOMPANYING MAPS

Property Location Map 1

Exploration Data Map 1

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	**20.116 8**	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	**2.589 988**	km^2
1 ha	2.471 054	acres	1 acre	**0.404 685 6**	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	**0.028 316 85**	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	**0.764 555**	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	**0.568 261**	L
1 L	0.879 877	quarts	1 quart	**1.136 522**	L
1 L	0.219 969	gallons	1 gallon	**4.546 [illegible]0**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	**28.349 523**	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	**34.285 714 2**	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	**1.714 285 7**	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	**20.0**	pennyweights/ton (short)
1 pennyweight/ton (short)	**0.05**	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this map. If no reference data was found, the appropriate box is marked 'no'; if reference was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	L.J.
2	Assessment Files Research Office, Toronto	N.A.	L.J.
3	ODM General Index;9 volumes	Yes	L.J.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	L.J.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	L.J.
6	ODM Industrial Mineral Reports	No	L.J.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	L.J.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	L.J.
9	Newspaper Clippings File	Yes	L.J.
10	GSC Index to Publications	Yes	L.J.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	L.J.
12	OGS Index Maps	Yes	L.J.
13	Source Mineral Deposit Records (O.G.S.)	Yes	L.J.
14	Author - Subject Articles File	Yes	L.J.
15	Miscellaneous Papers: ODM & OGS	Yes	L.J.
16	ODM Geological Circulars: OGS Study Series	Yes	L.J.
17	ODM Preliminary Reports: ODM Bulletins	No	L.J.
18	ODM – OGS Open File Reports	Yes	L.J.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	L.J.
20	OGS Aggregate Resources Inventory Papers	No	L.J.
21	OGS Mineral Potential Maps	Yes	L.J.
22	Theses on File, Sudbury	Yes	L.J.
23	Aerial Photographs on File, Sudbury	Yes	L.J.

METALS AND MINERALS REFERENCES LIST

Δ anh. . . . . .Anhydrite	Δ fu. . . . . .Fuchsite	▲ Ni. . . . . Nickel	Δ st . . . . . .Stone
Δ ank. . . . . .Ankerite	Δ gn. . . . . Galena	Δ Nb . . . . . .Niobium	Δ talc. . . . . .Talc
Δ anna . . . . . Annabergite	Δ gt . . . . . Garnet	Δ Pd . . . . . Palladium	Δ Te . . . . . Tellurium
Δ ap. . . . . .Apatite	Δ goe . . . . . .Goethite	Δ peat . . . . . .Peat	Δ td. . . . . Tetrahedrite
Δ arg . . . . . Argentite	Δ Au . . . . . Gold	▲ pent . . . . . Pentlandite	Δ th. . . . . .Thorite
Δ As . . . . . .Arsenic	Δ gf . . . . . .Graphite	Δ Pt. . . . . .Platinum	Δ Th . . . . . .Thorium
Δ asp . . . . . .Arsenopyrite	Δ gl . . . . . Gravel	▲ py . . . . . .Pyrite	Δ thuc . . . . . Thucholite
Δ asb . . . . . .Asbestos	Δ gyp. . . . . .Gypsum	Δ pyl . . . . . Pyrochlore	Δ ti . . . . . Titanite
Δ ba. . . . . .Barite	Δ hem . . . . . Hematite	Δ pyrl . . . . . .Pyrolusite	Δ Ti. . . . . Titanium
Δ be. . . . . .Beryl	Δ il . . . . . .Ilmenite	▲ po . . . . . .Pyrrhotite	Δ tour . . . . . .Tourmaline
Δ Bi. . . . . .Bismuth	Δ Fe . . . . . .Iron	Δ q . . . . . Quartz	Δ trap . . . . . .Trap rock
Δ bn . . . . . .Bornite	Δ IF. . . . . Iron Formation	Δ qcv. . . . .Quartz carbonate vein	Δ W. . . . . Tungsten
Δ bran . . . . . .Brannerite	Δ jas . . . . . Jasper	Δ ra. . . . . .Radioactive minerals	Δ uran . . . . . Uraninite
Δ bruc . . . . . .Brucite	Δ kaol . . . . . .Kaolinite (kaolin)	Δ RE . . . . . .Rare Earths	Δ U . . . . . .Uranium
Δ Cd . . . . . Cadmium	Δ ky . . . . . Kyanite	Δ sd. . . . . Sand	Δ verm . . . . . .Vermiculite
Δ calc. . . . . .Calcite	Δ Pb . . . . . Lead	Δ sgl . . . . . Sand and gravel	Δ Y . . . . . Yttrium
Δ carb . . . . . .Carbonate	Δ lim . . . . . Limonite	Δ ss . . . . . .Sandstone	Δ Zn . . . . . .Zinc
Δ cel . . . . . .Celestite	Δ Li. . . . . Lithium	Δ scap . . . . . Scapolite	Δ zr. . . . . Zircon
Δ cc. . . . . .Chalcocite	Δ mgst . . . . . .Magnesite	Δ shee . . . . . .Scheelite	
▲ cp. . . . . .Chalcopyrite	▲ mag . . . . . .Magnetite	Δ serp . . . . . Serpentine	
Δ ch. . . . . .Chert	Δ mc . . . . . Malachite	Δ sh. . . . . Shale	
Δ clay . . . . . .Clay	Δ Mn . . . . . Manganese	Δ sid . . . . . Siderite	
Δ Co . . . . . Cobalt	Δ mb . . . . . Marble	Δ si . . . . . Silica	
Δ cob. . . . . Cobaltite	Δ mar. . . . . Marcasite	Δ Ag . . . . . .Silver	
Δ cb. . . . . .Columbite	Δ ma . . . . . .Marl	Δ sl . . . . . Slate	
▲ Cu . . . . . .Copper	Δ mi . . . . . Mica	Δ sm . . . . . .Smaltite	
Δ cor . . . . . Corundum	Δ ml . . . . . .Millerite	Δ sod. . . . . Sodalite	
Δ dol . . . . . Dolomite	Δ mo . . . . . Molybdenite	Δ spec . . . . . Specularite	
Δ ep. . . . . Epidote	Δ Mo . . . . . .Molybdenum	Δ sp. . . . . .Sphalerite	
Δ ery . . . . . Erythrite	Δ mon . . . . . Monazite	Δ spd. . . . . .Spodumene	
Δ fel . . . . . .Feldspar	Δ ne. . . . . Nephelite (nepheline)	Δ staur. . . . . .Staurolite	
Δ fl . . . . . .Fluorite (flurospar)	Δ nc. . . . . .Niccolite	Δ stib. . . . . Stibnite	

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	New Dominion New Dominion Nickel Mines Ltd.	cp, po, pent	Cu 2	MRC 2, p. 96	O.D.M. Map 2188
B	Post Creek Occurrence	mag, py	Fe 1	MRC 11, p. 353 MRC 5, p. 50	I.O.C., p. 207 G.S.C. Map 1512G
C	Waddell Lake Cleveland Copper Corp.	Cu, Ni	Ni 15	MRC 2, p. 104	Royal Ontario Nickel Commission, p. 50
D	West Bay	po, cp	Ni 14	--	Sudbury Mineral Occurrence File
E	Whistle Mine	po, cp, mag, pent	Ni 2	--	Royal Ontario Nickel Commission, p. 52-53, 203-206

GDIF FORM NO. 1

NORHAN TOWNSHIP 4

TYPE OF WORK		Numbers below represent the year in which the work was done;e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	BULK SAMPLING	OTHER	
COMPANY/AUTHOR (file number)																				
1	Black, E. R.				52															
2	Cleveland Copper Corporation	56			56	56						56	56							
3	Concor-Chibougamau Mines Ltd.	59																		
4	Consolidated Orlac Mines Ltd.											54								
5	El Pen-Rey Oil and Mines Ltd.				56							56	56							
6	Falconbridge Nickel Mines Ltd.	53			53 54 55							53	53[1]							
7	Fallmac Nickel Mines Ltd.	52			56			52												
8	Fiveland Mines Ltd							53												
9	Graham, R. Bruce and Associates Ltd.	71				71														
10	Heshka, William			83																

GDP FORM NO. 2

NORMAN TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	BULK SAMPLING	OTHER	
COMPANY/AUTHOR (file number)																				
11	Inco Ltd., Canadian Nickel Company Ltd., and Sauve, R.				50 51 52 60 63 64 67 68 71							72 73	72^{1} 73^{1}							
12	Jaatinen, Irma and Maki, Oliver			82		84														
13	Kelly, E. G.				57							57								
14	Kerr-Addison Mines Ltd.											80								
15	Lepage, N.				54															
16	McKay, D.				53															
17	New Dominion Nickel Mines Ltd., Dominion Nickel Mines Corp., Jonsmith Mines Ltd., and McGinn, J. R.			-43	43^{2} 46^{2} 55^{2}	53		53				55^{3}						46		

GDII FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	BULK SAMPLING	OTHER	
	COMPANY/AUTHOR (file number)																			
18	Northbridge Mines Ltd., Falconbridge Nickel Mines, Fallmac Nickel Mines Ltd.	34		-34	34[2] *	52		52				34[4]	34[4]							
19	Norsynco Mining and Exploration Ltd.				55							54, 55	54		55					
20	Polack, George				57															
21	Prospectors Airways Co. Ltd.											54								
22	Sandex Developments Ltd.	74, 75										75	75							
23	Tincombe, Richard				68															
24	Whistle Property, International Nickel Company of Canada Ltd., British America Nickel Corporation, The Dominion Nickel-Copper Company and Nickel Copper Company of Ontario Ltd.			00-03	04 2/12														04 5/12	

[1] No significant conductor

NORMAN TOWNSHIP

TYPE OF WORK	Numbers below represent the year in which the work was done;e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY / COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	BULK SAMPLING	OTHER	
[2]No logs or locations [3]No significant anomaly [4]No data [5]Shaft 50' Adit 440' * See map drilling location number 15																		

GDP FORM NO. 2

7

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	Black, E. R.	1	1952	W20S	?	1	221		
1		2	1952	W10S	?	1	171		
1		3	1952	W12S	?	1	112		
2	Cleveland Copper Corporation	1	1956	East	?	4	992	mag	Cu, Ni, Au, Ag
3		2	1956	East	45	4	811	mag, po	
4		3	1956	East	45	4	500	cp, mag	
5		4	1956	North	47	4	525	cp	
6	El Pen-Rey Oil and Mines Ltd.	E-1	1956	N60E	-65	4	594	py	
7		E-2	1956	N60E	90	3	722	py	
8		E-3	1956		90	5	408	mag	
9		E-4	1956		90	3	361	cp, po	
10		E-5	1956	N65W	80	6	800	cp, po, py	
11		E-6	1956	N65E	70	6	862	py	
12	Falconbridge Nickel Mines Ltd.	N-XC-1	1953	S80E	48	0	173	cp	
12		N-XC-2	1953	S80E	48	0	147	cp, py	
13		N-XC-1	1954	East	45	0	320	cp	
14		N-XC-1	1955	S80E	47	0	224		
14		N-XC-2	1955	S80E	55	0	320	biotite	
15		?	1934		45		225	no logs, no locations	
16	Fallmac Nickel Mines Ltd.	1	1956	N46E	-48	0	72	cp, py	
16		2	1956	N46E	-35	0	32	cp, py	
17		3	1956	S37W	-20	0	60	cp, py	
18	Inco Ltd., Canadian Nickel Company Ltd., Sauve, R.	7480	1950, 51		90	11	5512		
19		7477	1950, 52		90	5	3380	ep, py	
20		7479	1950, 52		90	19	3614	ep, py	
21		1	1951	N45W	-80	4	1000	po, py	
22		9606	1951		90	6	406	ep	
23		15689	1960		90	10	1601		
24		15690	1960		90	6	1602		

GDIF FORM NO.

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
25	Inco Ltd., cont'd	16645	1960		90	22	3610	ep, mag, py	
26		1	1963		90	102			
26		2	1963	?	?	17			
27		3	1963	?	?	25			
27		4	1963	?	?	25			
26		5	1963	?	?	25			
26		6	1963	?	?	40			
26		7	1963	NW	?	120			
26		8	1963	?	?	113			
28		23367	1963		90	2	402		
29		23368	1963		90	4	401		
26		26426	1964	360	-45	0	125		
26		26427	1964	360	-45	0	125		
30		33319	1967	W	-45	0	185		
31		35733	1968	034	-45	4	403		
32		35734	1968		90	36	401	ep, hem	
33		35763	1968		90	10	1073	ep	
34		35765	1968		90	16	1089		
35		35766	1968		90	20	1047	ep, hem	
36		41265	1971	311	-45	5	281	ep, hem	
37		41266	1971	131	-50	0	140	ep, gt	
38	Kelly, E. G.	1	1957	W40S	45	0	223	py	
39	Lepage, N.	1	1954	S60E	-65	0	200	py	
39		2	1954		90	0	100	cp, py	
39		3	1954		90	0	150	cp, py	
39		4	1954		90	0	150	py	
40	McKay, D.	1	1953	180	65	0	40	py	
40		2	1953	360	45	0	16		
41	New Dominion Nickel Mines		1943	no logs or locations					Cu, Ni
42	Ltd., Dominion Nickel Mines		1946	8 holes for a drilled length of 3464' - no logs or locations					
43	Corp., Jonsmith Mines Ltd., and McGinn, J. R.		1955	74 holes for a drilled length of 36,745' - no logs or locations					

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
44	Norsynco Mining and Exploration Ltd.	1	1955	S20W	45	42	600	py	
44		2	no log						
44		3	1955	S15E	45	7	600	cp, py	
45		5	no log						
45		5A	1955	S30W	45	34	34		
46		8	1955	S30W	45	27	848		
46		8A	1955	S30W	45	53	53		
47	Polack, George	1	1957	East	80	0	160		
48	Tincombe, Richard	1	1968	212	40	0	154	cp	
48		2	1968	212	40	0	155		
48		3	1968	212	40	0	209		
48		4	1968	212	40	0	173		
49	Whistle Property, The Dominion Nickel-Copper Company		1904-12	no logs	or locations				

GDIF FORM NO.

NORMAN TOWNSHIP

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO.

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		

GDIF FORM NO.

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

Gold along the Vermilion

Sudbury Star — April 27, 1977

New Dominion Nickel Mines Ltd.

Northern Miner — April 30, 1953
June 23, 1956

Vermilion River Placers

George Cross Newsletter — January 16, 1984

GDIF FORM NO. 7

ODM GENERAL INDEX SEARCH

Words searched:

BLACK, E. R.
BRITISH AMERICA NICKEL CORP.
CANADIAN NICKEL CO. LTD.
CLEVELAND COPPER CORP.
CONCOR-CHIBOUGAMAU MINES LTD.
CONSOLIDATED ORLAC MINES LTD.
DOMINION NICKEL COMPANY
ELLA LAKE
EL PEN-REY OIL AND MINES LTD.
FALCONBRIDGE NICKEL MINES LTD.
FALLMAC NICKEL MINES LTD.
FIVELAND MINES LTD.

Index Volume	Listing:	Report Volume	Part	Page
9	Black, E. R.			
	Norman Tp., Sudbury Dist.	MP 90		105
9	British America Nickel Corp. Ltd.			
	Capreol area, Sudbury Dist.	MP 90		105
1	British America Nickel Corpn.			
	Capital and date of license	23	1	42
	Dominion Nickel Copper Co.'s holdings bought by	22	1	25
	Officers	23	1	121
	Work by	23	1	112, 121
		24	1	102
9	Canadian Nickel Co. Ltd.			
	Norman Tp., Sudbury Dist.	MP 90		105
9	Cleveland Copper Corp.			
	Norman Tp., Sudbury Dist.	MP 90		105
5	Concor-Chibougamau Mines, Ltd.			
	Incorporated	64	1	57
9	Concor-Chibougamau Mines, Ltd.			
	Norman Tp., Sudbury Dist.	MP 90		106
5	Consolidated Orlac Mines, Ltd.			
	Change of name	63	1	60
6	Name changed	66	1	36
9	Lewis Tp., Algoma Dist.	GR 147		56
	Norman Tp., Sudbury Dist.	MP 90		105
1	Dominion Nickel Co.	7		26
1	Dominion Nickel-Copper Co.			
	Accident at plant	23	1	74
	Boring by, Northern nickel range	19	1	81, 86
		21	1	23
	Capital and date of license	16	2	181
		18	1	45
	Holdings of, sold	21	1	25, 105
		23	1	121
	Railway building by	19	1	28, 81, 86
	Waterpower for	20	1	93
		21	1	106

ODM GENERAL INDEX SEARCH

Words searched:

HESHKA, WILLIAM
INCO LTD.
INTERNATIONAL NICKEL CO.
JAATINEN, IRMA
JONSMITH MINES LTD.
KELLY, E. G.
KERR-ADDISON MINES LTD.
LEPAGE, N.
MCCONNELL, EMMA
MCGINN, J. R.
MCKAY, D.
MAKI, O.
NEW DOMINION NICKEL CO. LTD.
NORMAN TP.

Index Volume	Listing	Report Volume	Part	Page
	Dominion Nickel-Copper Co., cont'd			
	work by (1908)	18	1	89
	(1910)	20	1	93
	(1911)	21	1	112
	(1912)	22	1	105
2	Dominion Nickel-Copper Co.			
	Acquired by Brit-Amer. Nickel	N.C.		A120
	Corp.	N.C.		R51, 52, 87, 90
	Extent of properties	N.C.		A15
	Failure of	N.C.		A110
	Historical notes	N.C.		A14
		N.C.		R93
	Operations	N.C.		R94
	Whistle m. worked by	N.C.		R52, 93
6	Dominion Nickel Mg. Corp. Ltd.			
	Name changed	65	1	38
4	Dominion Nickel Mining Corp., Ltd			
	Incorporated	53	1	45
5	Name changed	63	1	59
9	Norman Tp., Sudbury Dist.	MP 90		105
1	Ella Lake, Capreol tp.			
	Magnetic attraction	14	3	74
	Shape conforms to rocks	13	1	202
		14	3	73
2	Nickel	N.C.		R50
	Rocks, notes	34	8	8, 9
4	El Pen-Rey Mines, Ltd.			
	Change of name	59	1	46
5	Name changed	60	1	46
9	El Pen-Rey Oil and Mines, Ltd.			
	Norman Tp., Sudbury Dist.	MP 90		105
5	Fallmac Nickel Mines, Ltd.			
	Incorporated	62	1	58
9	Fallmac Nickel Mines, Ltd.			
	Kenogaming Tp., Sudbury Dist.	GR 157		170-171
	Norman Tp., Sudbury Dist.	MP 90		105

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

NORSYNCO MINING AND EXPLORATION LTD.
NORTHBRIDGE MINES LTD.
POLACK, GEORGE
POST CREEK OCCURRENCE
PROSPECTORS AIRWAYS CO.
SANDEX DEVELOPMENTS LTD.
SAUVE, R.
TINCOMBE, R.
VERMILION RIVER
WADDELL LAKE
WEST BAY
WHISTLE MINE

Index Volume	Listing:	Report Volume	Part	Page
5	Fiveland Mines, Ltd.			
	Incorporated	63	1	57
9	Fiveland Mines, Ltd.			
	Norman Tp., Sudbury Dist.	MP 90		105
5	Jonsmith Mines, Ltd.			
	Capital; officers; operations:			
	(1954)	64	2	115
	Name changed	60	1	61
6	Capital; officers; operations:			
	1955	65	2	118
	1956	66	2	117
7	Jonsmith Mines Ltd.			
	Milnet mine, Parkin twp.			
	report on (1957)	MRC 2		94
9	Kelly, E. G.			
	Norman Tp., Sudbury Dist.	MP 90		105
1	Kerr-Addison Mines, Ltd.			
	Capital and date of charter	23	1	41
9	Lepage, N.			
	Norman Tp., Sudbury Dist.	MP 90		105
2	McConnell, Emma			
	Part owner, Victoria ni. m.	NC		R46, 52
9	McKay, D.			
	Norman Tp., Sudbury Dist.	MP 90		105
7	Maki, O.			
	Kyanite claims, Dryden twp.	GR 9		27
6	New Dominion Nickel Mines Ltd.			
	Change of name	65	1	38
7	New Dominion Nickel Mines Ltd.			
	Mining property, Norman Twp.,			
	report on (1954)	MRC 1		56
	(1957)	MRC 2		96
9	Nickel-Copper Co. of Ontario Ltd.			
	Capreol area, Sudbury Dist.	MP 90		105

ODM GENERAL INDEX SEARCH

Words searched

Index Volume	Listing	Report Volume	Part	Page
1	Norman Tp., Sud.			
	Nickel mining. See Whistle m.			
	Rocks	12		274
	greenstone	10		206
	magnetite, jaspery	10		186
	nickel bearing	11		284
		12		273, 276
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		14	3	73
2	Iron formation, character by	I.O.		207
	Nickel deposits	N.C.		A16
		N.C.		R53, 207
3	Gold prospect	41	4	49
	Nickel mg. See Ontario Nickel Corp.			
	Rocks	41	3	31
5	Nickel-copper claims	64	2	115
6	Andesite	65	3	78
	Nickel-copper claims	65	2	118
	Rhyolite, photo	65	3	16
8	Norman Tp., Sudbury Dist.			
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	pyrite	MRC 5		50
9	Norman Tp., Sudbury Dist.			
	Geology (quarternary) of the Sudbury Basin area	GR 181		
	limonite	MP 70		213-214
	sand and gravel	GR 181		49, 95-96
5	Norsynco Mining and Exploration, Ltd.			
	Incorporated	63	1	58
9	Norsynco Mining Expl. Ltd.			
	Norman Tp., Sudbury Dist.	MP 90		105
5	Northbridge Mines, Ltd.			
	Falconbridge interest in	62	2	97
	Incorporated	62	1	60
7	Mining property, Norman and Parkin twps., report on:			
	(1954)	MRC 1		57
	(1957)	MRC 2		98
9	Norman Tp., Sudbury Dist.	MP 90		105

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
3	Ontario Nickel Corp., Ltd.			
	Capital; officers; operations	47	1	26, 239
	Incorporated	46	1	62
9	Polack, G.			
	Norman Tp., Sudbury Dist.	MP 90		105
8	Post Creek Occurrence			
	Norman Tp., Sudbury Dist.	MRC 11		353
9	Prospectors Airways Co. Ltd.			
	Norman Tp., Sudbury Dist.	MP 90		105
9	Sandex Dev. Ltd.			
	Norman Tp., Sudbury Dist.	MP 90		105
9	Tincombe, R.			
	Norman Tp., Sudbury Dist.	MP 90		105
6	Vermilion River, Onwatin L.			
	Fault	65	3	34, 36
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	Sediments, tuffaceous	65	3	81
8	Vermilion River			
	Sudbury area, Sudbury Dist.	GR 60		20,38,39
		GR 80		3-70
		GR 91		7,12,36, 39
		GR 108		17,34,36 40, 43
		MP 43		60
9	Sudbury area, Sudbury Dist.	GR 181		16-59, 86, 88
		S 016		85
1	Waddell Lake, Norman tp.	14	3	74
	Copper	R.C.		434
	Nickel	R.C.		434
		11		284
	Shape, conforms to strike of rocks	13	1	202
1	Whistle Nickel Mine, Selwyn Lake			
	Geology, notes by Coleman	14	3	74, 75
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	Railway spur to	19	1	28

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	Rocks at and near	12		274-276
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		14	3	112
	norite	14	3	73
	Valley from, to Massey Creek	18	1	89
	Work at (1908)	19	1	81, 86
	(1909)	23	1	121
	(1913)			
2	Whistle Nickel Mine, Selwyn lake, Norman tp.			
	Claims and contacts westward	N.C.		R53-55
	Development, but no shipments	N.C.		A17
	Geology	N.C.		R203-206
	cross-section	N.C.		R205
	Historical notes	N.C.		R52, 93, 94
	Location. See map	N.C.		R104
	Minor refs.	N.C.		A10, 12, 16, 120, 127
	Ore, character	N.C.		A63
	relation to norite	34	8	46
		N.C.		R112
	Photo	N.C.		R204
	Rocks, granite, photo	N.C.		R206
	norite, analysis	N.C.		R119
	Waterpower for	N.C.		R222

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K. D.	1966-67	Sudbury Mining Area	O.D.M. Map 2170	1" = 1 mile
Card, K. D. and Lumbers, S. B.	1974-75	Sudbury-Cobalt	O.G.S. Map 2361	1" = 4 miles
Dressler, B. O.	1984	Sudbury Geological Compilation	O.G.S. Map 2491	1:50,000
	1983	Sudbury Mining Area - Eastern Part	O.G.S. Map P.2603	1:50,000
Meyn, H. D.	1966	Capreol Sheet	O.G.S. Map P.367	1" = 2 miles
Muir, T. L., Rebic, Z. and Dressler, B. O.	1980	Capreol Area - Western Part	Map P.2377	1" = ¼ mile
	1980	Capreol Area - Eastern Part	Map P.2378	1" = ¼ mile
		GEOPHYSICAL MAPS		
Dept. of E.M.R.	1965	Aeromagnetic Map - Capreol Sheet	1511G	1" = 1 mile
	1965	Aeromagnetic Map - Milnet Sheet	1512G	1" = 1 mile
G.O.H. Consultants	?	Aeromagnetic Map - Sudbury Research Project	Map 2	1" = ½ mile
Gupta, V. K.	1981	Bouguer Gravity and Generalized Map, Sudbury-Onaping Lake	O.G.S. Map P.2482	1:100,000
O.D.M. - G.S.C.	1965	Aeromagnetic Map - Sudbury Sheet	7067G	1" = 4 miles
O.G.S. - G.S.C.	1976	Uranium Reconnaissance Program Airborne Gamma Ray Spectrometer Survey, Sudbury	Map P.1610	1:250,000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Dept. of E.M.R.	1975	Topographic Map - Capreol Sheet		1:50,000
	1975	Topographic Map - Milnet Sheet		1:50,000
Gartner, J. F.	1980	N.O.E.G.T.S. Data Base Map - Capreol	Map 5001	1:100,000
		N.O.E.G.T. Study 95 Capreol		
		MINERAL POTENTIAL MAPS		
Innes, D. G. and Jost, M.	1977	Nickel deposits of Ontario - East Central Sheet	P.1062	1" = 16 miles
Springer, Janet	1977	Ontario Mineral Potential Northern Part of Sudbury Sheet and part of North Bay Sheet	P.1512	1:250,000
		GEOCHEMICAL MAPS		
		None as of November 5, 1986		
		GEOLOGICAL REPORTS AND MAPS		
Adlington, R.	1982	Norman Township - Sudbury Data Series	O.G.S. Map P.2462	1" = 4 miles
Broucoum, S. J. and Dalziel, I. W. D.	1974	The Sudbury Basin, the Southern Province, the Grenville Front and the Penokean Orogeny	Geol. Soc. Am. Bull. 85(4)	pp. 1571-1580
Burwasser, G. J.	1976	Quarternary Geology and granular resources of the Sudbury Basin area	OFR 5185	

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SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Burwasser, G. J., con't	1972	Quarternary Geology and industrial mineral resources of the Sudbury Area (Eastern Part)	Map P.752	1:50,000
	1979	Quarternary Geology of the Sudbury Basin Area	O.G.S Report 181 Map 2397	1:50,000
Card, K. D. and Hutchinson, R. W.	1972	The Sudbury Structure: its regional geological setting	G.A.C. Spec. Paper 10	pp. 67-78
Clauson, Victor	1947	Geology of the Sudbury Basin area, Ontario, Canada; Ph.D. University of Washington	MP-2	
Dressler, B. O.	1982	Geology of the Wanapitei Lake area	GR 213 Maps 2450 and 2451	1" = ½ mile
	1981	Otter Lake	Map 2450	1" = ½ mile
	1981	Massey Bay	Map 2451	1" = ½ mile
Inco	1957	Geology and mineral deposits of the Sudbury area, Ontario	CIMM - Sixth Commonwealth Congress	pp. 5-19
Kindle, L. F.	1932	Moose Mountain - Wanapitei Area, Sudbury District, Ontario	O.D.M. Map 41E	4" = 3 miles
Muir, T. L.	1981	Geology of the Capreol area	OFR 5344	
Murray, A.	1856	On the geology and topography of the Sturgeon, Maskinonge, French and Wanapitei Rivers, and Whitefish River and its lakes	G.S.C. Rept. of Progress Maps 18-25	

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Pye, E. G., Naldrett, A. J., and Giblin, P. E.	1984	The Geology and ore deposits of the Sudbury Structure	O.G.S. Spec. Vol. 1	
Quirke, T. T.	1921	Wanapitei Lake Map - area	G.S.C. Sum. Rept. Map 1948	pp. 34-50
Thomson, J. E.	1956	Geology of the Sudbury Basin, Sudbury District, Ontario	O.D.M. AR Vol. 65 pt. 3 COLMAP 1956-1	pp. 1-56 1" = 1 mile
Wright, J. F.	1958	Sudbury, Ontario	Map 1063A	1" = 8 miles
		JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		
Assad, Robert Joseph	1955	The formation of certain granite-like rocks in the footwall of the Sudbury norite, northwest of the Sudbury basin; M.Sc., McGill University	MP2	
Barlow, A. E.	1906	On the origin and relations of the nickel and copper deposits of Sudbury, Ontario, Canada	Econ. Geol. 1	pp. 454-466
Beales, F. W. and Lozej, G. P.	1975	Sudbury Basin sediments and the Meteoritic Impact Theory of Origin for the Sudbury Structure	C.J.E.S. Vol. 12	pp. 629-635
Bell, J. M.	?	The nickel-copper mines of Sudbury	Mining Magazine 23(2)	pp. 87-94
Chute, Newton E.	1938	The upper contact of the Sudbury nickel intrusive; Ph.D., Harvard University	MP2	
Coleman, A. P.	1901	The Vermilion River Placers	AR Vol. 10	pp. 151-159
	1902	The Sudbury nickel deposits	B.O.M. Paper #5	

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Coleman, A. P., con't	1904	The northern nickel range	AR Vol. 13 pt. 1 COLMAP 13A	pp. 192-215 1" = 2 miles
	1924	Economic Geology - geology of the Sudbury nickel deposits	Econ. Geol. 19(5)	pp. 565-576
Collins, W. H.	1916	North Shore of Lake Huron	G.S.C. Sum. Rept.	pp. 183-185
	1936	Sudbury Series	G.S.C. Bull. 47(2)	pp. 1675-1690
Cooke, H. C.	1946	Problems of Sudbury Geology, Ontario	G.S.C. Mus. Bull. 3	
Cunningham-Dunlop, P. K.	1954	Structural geology of Ontario Pyrite deposits, Sudbury, Ontario; M.A.Sc., University of Toronto	MP2	
Dickson, C. W.	1903	The ore-deposits of Sudbury, Ontario		
Duke, J. M. and Naldrett, A. J.	1976	Sulphide mineralogy of the Main Irruptive, Sudbury, Ontario	Can. Mineralogist Vol. 14	pp. 450-461
Dupuis, L.	1972	Metallogenic study of the Sudbury Mining Division	Sudbury Theses on File	
Dupuis, L., Whitehead, R. E. S. and Davies, J. F.	1982	Evidence for a genetic link between Sudbury breccias and Fenite breccias	C.J.E.S. Vol. 19	pp. 1174-1184
Ginn, R. M.	1958	A study of the granitic rocks in the Sudbury area; M.Sc., Queen's University	MP2	
Gracey, A. H.	1898	Placer gold on the Vermilion River, Ontario	AR Vol. 7 pt. 3 COLMAP 7D	pp. 256-259 1" = 3 miles

GDIF FORM NO. 9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Harris, D. C. and Nickel, E. H.	1972	Pentlandite compositions and associations in some mineral deposits	Can. Mineralogist Vol. 11	pp. 861-878
Heale, T. R.	1946	Magnetic pentlandite and the relations of pentlandite, pyrrhotite and chalcopyrite in Sudbury nickel ores; B.A., Queen's University	MP2	
Henderson, J. R.	1967	Structural and petrographic relations across the Grenville Province, Southern Province Boundary, Sudbury, Ontario	Sudbury Theses on File	
Hewins, R. H.	1971	The petrology of some marginal mafic rocks along the north range of the Sudbury Irruptive	Sudbury Theses on File	
Hewitt, D. F.	1967	Pyrite deposits of Ontario	MRC 5	p. 50
Inco	1946	The operations and plants of International Nickel Company of Canada Limited	Can. Mng. Vol. 65(5)	pp. 322-331
Kirwan, J. L.	1966	The Sudbury Irruptive and its history	Can. Mng. Jour.	pp. 54-61
Knight, C. W.	1923	The chemical composition of the norite-micropegmatite, Sudbury, Ontario, Canada	Econ. Geol. Vol. 18	pp. 592-594
Kuo, H. Y. and Crockett, J. H.	1979	Rare earth elements in the Sudbury Nickel Irruptive: Comparison with layered gabbros and implications for Nickel Irruptive Genesis	Econ. Geol. 74	pp. 590-605
Shklanka, Roman	1968	Iron deposits of Ontario	MRC 11	p. 353
	1969	Copper, nickel, lead and zinc deposits of Ontario	MRC 12	p. 268

NOTES AND ADDENDA

Aerial Photographs Index

Scale 1" = ¼ mile

Sudbury Files

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1970	24	4633	230-236
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	26	4631	71-75
	30	4630	5-12
1959	5	4631	134-140
1946	37	142	9-16
	37	143	53-60
	36	144	69-75
	204	145	37-45

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Siemiatkowska, K. M.	1970	Bibliography on Huronian geology covering the region from Sault Ste. Marie to the Grenville Front	Sudbury Theses on File	
Thomson, J. E.	1969	A discussion of Sudbury geology and sulphide deposits	MP30	
Thomson, Jas. E. et al	1957	Copper, nickel, lead and zinc deposits in Ontario	MRC 2	pp. 93, 98, 104
Thomson, R.	1935	The offset dikes of the Nickel Intrusive, Sudbury, Ontario	A.J.S. Vol. 5(30)	pp. 356-367
	1935	A study of the Nickel Intrusive, Sudbury, Ontario; Ph.D., University of Chicago	MP2	
Wilson, W. J.	1905	The region between Lake Timagami and Spanish River, Ontario	G.S.C. Sum. Rept.	pp. 82-84
Young, G. A.	1904	On surveys between Rabbit and Temagami Lakes	G.S.C. AR Vol.16	pp. 195-198
?	1933	Distribution of nickel in the Sudbury norite-micropegmatite; M.Sc., Queen's University	MP2	

Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 366

(Map 1 of 2)

NORMAN TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

PARKIN

WISNER

RATHBUN

80°47'30"

80°50'00"

80°56'00"

Creek

Boss Lake

Selwyn Lake

Wallin Lake

Skynner Lake

Woodell Lake

West Bay

EXPLORATION DATA FILE AREAS

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 366

(Map 1 of 2)

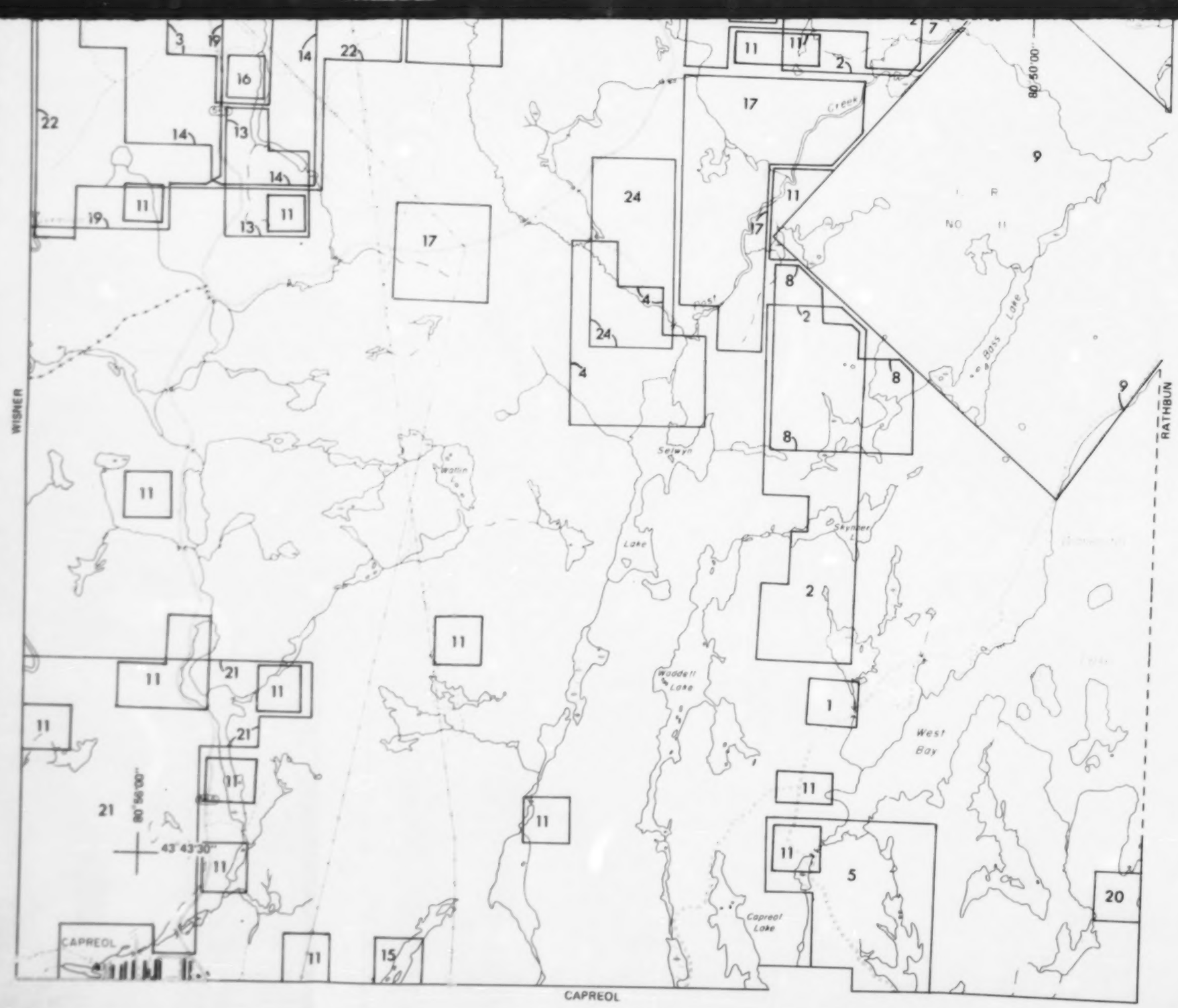
NORMAN TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



EXPLORATION DATA FILE AREAS

■ ① ⑤ Reference number is always inside work area outlined. See listing in text pages.

□ x ④ Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

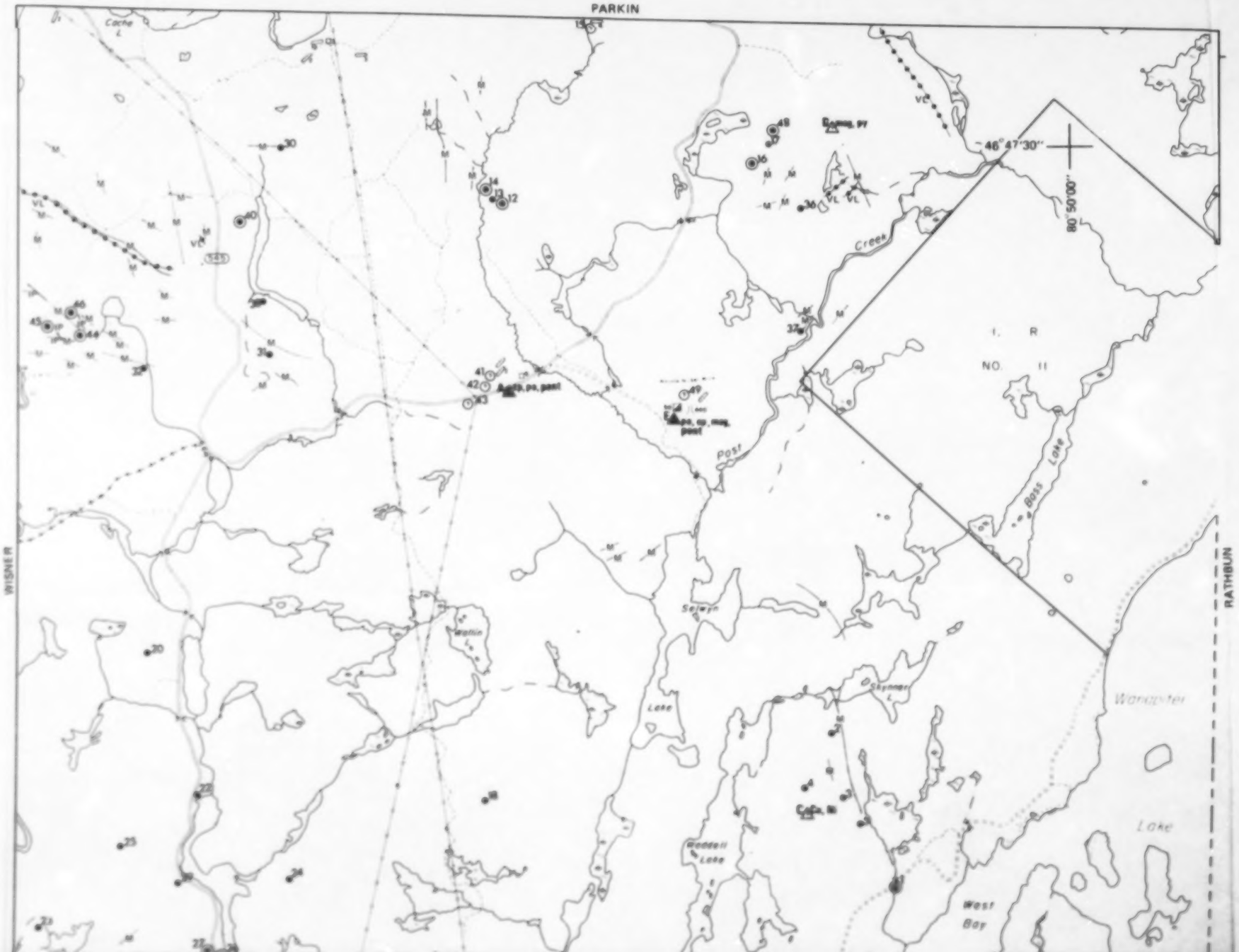
GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly
  (VL - Vertical loop; HL -Horizontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly (total intensity)
- Resistivity anomaly
- Gravity anomaly

MISCELLANEOUS DATA



Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 366

(Map 2 of 2)

NORMAN TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter

DRILLHOLE

- Location of single drillhole, with reference number

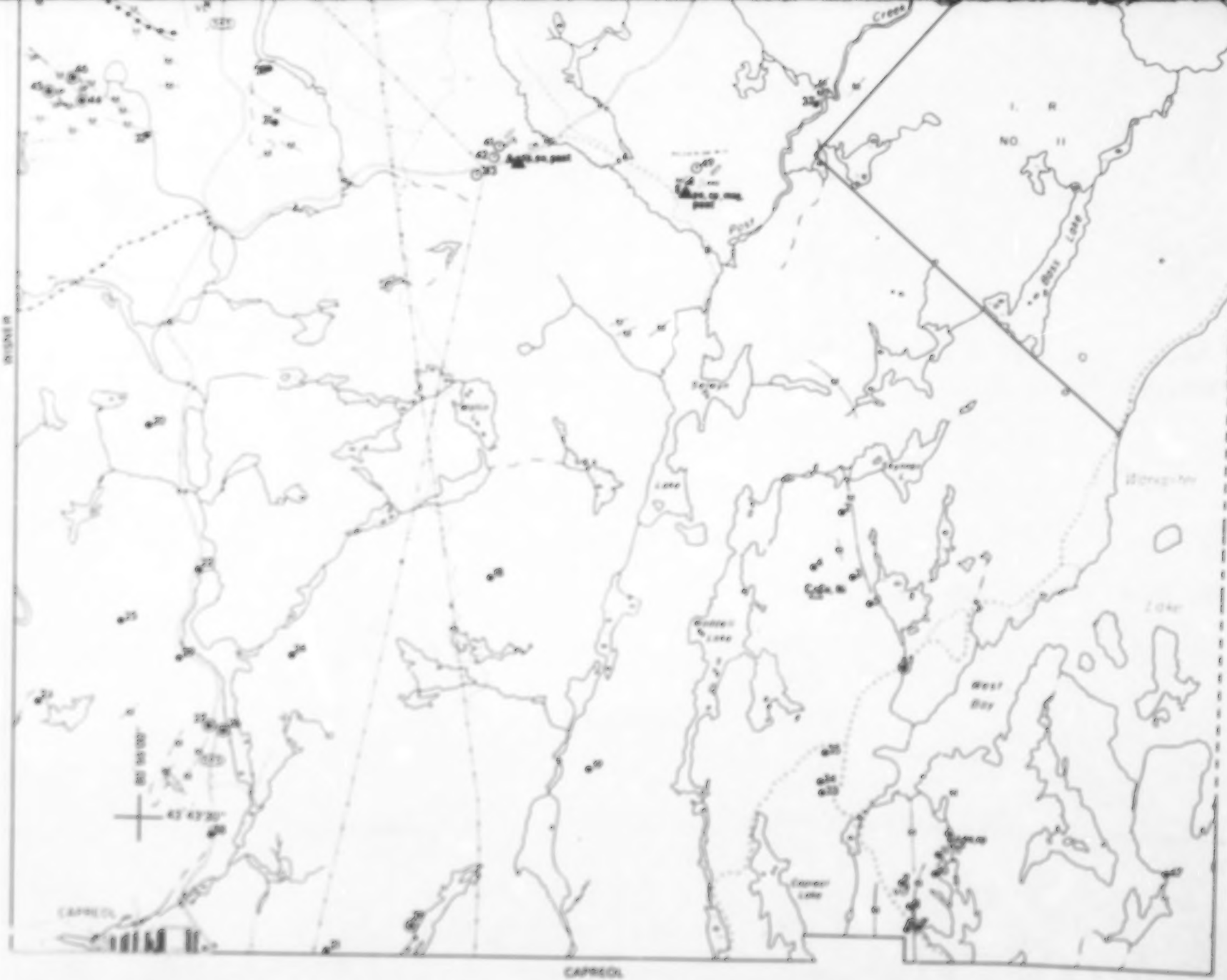
GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis : definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal loop;
  VLF - Very low freq; Turam; JEM
  Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly
  (total intensity)
- Resistivity anomaly
- Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



NORMAN TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

RATHBUN

CAPREOL

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter

DRILLHOLE

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map, with reference number
- Reverse circulation drillhole; churn drilling, with reference number